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U. S. Department of Agriculture

2686 E. Paloma Street

Pasadena 8, California

HAWORTHIA AND APICRA LISTS

Haworthias and Apicras are pot plants treasured for their unique variations in plant forms. Flowers, in all instances, are very minute borne on slender branching stems and are usually white or greenish, sometimes faintly pink. Haworthia flowers are small with spreading petals and by SMALL we mean up to one-half inch in diameter. Apicra flowers are about the same but tubular or prismatic.

No attempt is made to describe these plants in detail. Between two groups of Haworthias there can be many transitional forms

which make it difficult to say where sections begin or end.

The following symbols will give you some idea of many of the Haworthia plant characteristics:

- R plants are low growing rosettes.
- E plants are erect and tall growing 4 to 8 inches.
- P plants are marked with pearly white or green dots, sometimes arranged in rows; or tubercles.
- V plants with leaves distinctly veined or lined.
- X plants with leaves quite thick and smooth.
- MI plants with leaves that have slender hairy teeth or at least tipped with an awm.
 - * plants are low growing with thick transinger leaves.
- ** plants are low growing with few thick opaque leaves.

We aim to have all plants true to name insofar as possible; however, authorities are not in agreement on all names, so we offer this list with that reservation.

Prices quoted herein are for rooted cuttings. In some cases unrooted cuttings can be supplied if acceptable to the customer.

Please advise. All cuttings are post-paid and subject to stock on hand. We do NOT book future orders.

To facilitate your order please give a few alternate selections otherwise we will have to refund cash on varieties which may be sold out. California customers please add 3% state salestax.

Our collections of Haworthias and apicras contain many varieties which are not being offered at this time due to the slowness in propagation of some varieties by cuttings or leaves, or difficulty in producing fertile seed.

Beginners Collections

5 for \$1.00 - our choice. Any 10 - 35cent varieties - your choice - \$3.00

. Higher priced varieties 10% discount if order totals \$5.00 or more.

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Editorill Quintillia

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Mercy priced vericities 100 discount if order totals 85.00 or more.

HAWORTHIA LIST

| 201 2 30241 | | | |
|----------------------|---------------------------|----------|---|
| H. altiline | | 35c | H. cymbiformis var. obesa R * 75c |
| H. altiline | . denticulata | 35e | H. cymbiformis var. obtusa R * \$1.00 |
| var | . Morrisae | 50c | |
| H. altiline var | ea • mucronata R | V 50e | H. decipiens E 50c (slender) |
| H. angusti: | folia . albanensis R * | XX\$1.00 | H. denticulata R XX 35c |
| H. angusti: | folia • subfalcata R | \$1.00 | H. Dielsiana 35c |
| H. Armstro | ngi E P | \$1.00 | H. Emilyae 35c |
| H. atrovire | | 35c | H. Eyliae E P 35c |
| H. attenua | | 35c | H. fasciata R P 35c (long leaves) |
| (slend | der leaves) | 370 | H. fasciata |
| H. attenua var | . argyrostigma | 50c | var. caespitosa subvar. Kingiana R P 75c |
| H. attenuar | ta . Britteniana R | P 75c | H. fasciata forma sparsa R P 35c |
| H. attenua | ta caespitosa | 50e | H. fasciata var. Staadensis R P \$1.50 |
| H. attenua | | | H. fasciata var. subconfluens \$1.00 |
| (small | l growing) | 1 376 | H. fasciata R P var.ovato lanceolata \$1.00 |
| H. attenua var | . typica R P | 75c | |
| H. Beecrof | tiana | 35c | H. glabrata R 35c H. glabrata |
| H. bilinea | ta R | 35c | var. concolor R 35c H. glabrata |
| H. caespit | osa XX | 50c | var. pervirides R 35c |
| H. caespite | | 35c | H. glauca P \$1.00 |
| | | | H. gracilis R XX 75c |
| H. Cassyth | | 75c | (very small growing) |
| H. Chalwin | ii E P | 35c | H. Greenii E P \$1.00 |
| H. coarcta | ta E P y growing) | 35c | H. Haageana R * XX |
| | | 750 | var. subreticulata \$1.00 |
| H. confusa | | 75c | H. Helmae R ** 50c |
| H. Cooperi (small | E * XX 1 grower) | \$1.00 | H. Herrei P \$1.00 (semi-erect) |
| H. cuspida | ta R ** | 35c | |
| H. cymbifo: | rmis | 250 | |
| var | . typica R * | 35c | H. Hurlingi var. ambigua R 75c |

HAMORIETA LIGI

| H. equalifornis | H. eltilines H * MY 350 |
|--|--|
| var. obesa R * 750 | |
| var. obensa B *. SL.00 | senilitis .H |
| i. decipions I 70e | rocklijie "H |
| L. decipions L 50e (Flander) | vers incrementa A V Sce |
| F. dertloulate R III 35c | M. enguetifolis |
| | W. argretitolis |
| I. Melstana 35c | 00.1) H president a vev |
| H. Emilyae 35c | |
| | E. Armstrong E P (1.50) |
| H. Pydine E F 350 | H. atrovirons 35c |
| H. forelate E P 350 (long leaves) | U. attenuata R F 35c |
| La fascicha (7; | (Secret metrole) |
| var, consilioso | H. attomata var. argyrostigma 50e |
| sulver. Migiera R P 75c | principle of the control of the cont |
| N. Farelata forma spersa R P 35c | ces. Inditendent E 75c |
| il. fasciota | H. attenueta. |
| vir. Sbrudensis R 2 31.50 | vor. caengitesa 50c |
| n. Insolate var. subconfluers 31.00 | vor, electroria h P 376 |
| H. Forestoth P P | (univoru flama) |
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| H. glatrata I. 350 | H. Peecrofting 350 |
| vor. conceler R 35c | and the second of |
| vor. gerwinides R 35c | H. bilineata II 350 |
| | H. enespitesh NJ. 50e |
| W. glauce P 31.00 : | H. crespitorn |
| H. gracilis R XX 75c | ode Bonder Euron |
| (very small growing) | H. Cassytha- E P 75c |
| H. Greenii E P Ul.00 | H. Galwidi E F 35c |
| II. Mageana 35c | H. doarctate I F 33e (henvy growing) |
| H. Haageana H * XX | (Denvy ground) |
| ver. subreticulate (1.00 | H, confuse 75c |
| Helmee B ** 50c | |
| 00.5 | N. Googeri E * N. (1.00 (1.00 (Bankl grover) |
| H. Herrel P (1.00 (semi-erect) | |
| H. Herrei | II. euspidate II am |
| var. depauperata P 75c | |
| H, Horlinet | H. cymbiformis var. typica R * 35c |
| vor. ambigue R 75c | to weather and |

Haworthia List

| H. hybrida E 35 | c H. radula R P 35c |
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| H. icosiphylla R P 35 | and the second s |
| H. Import #123 and #124 50 | var. typica E P 35c C H. Reinwardtii |
| H. incurvula 75 | var. Adeleidencie 75c |
| | var. Archibaldiae \$1.00 |
| The second secon | var. conspicua E P 75c |
| H. Jonesiae E P 1.0 | H. Reinwardtii |
| H. laetivirens 35 | C H. Reinwardtii |
| H. limifolia R V \$1.00 H. limifolia | M. Reinwardtii |
| var. stolonifera | var. pulchra E P \$1.00 |
| forma Pimentelii (31.0) | 105011404114 15 1 |
| H. Manda's hybrid R X 50 (sold in commerce) | H. reticulata R * 50c (many leaves) |
| H. Manda's hybrid | H. reticulata |
| (entirely different from above and direct from originator) | H. reticulata |
| | var. commaeta R P \$1.00 (dull green) |
| H. margaritifera R P 350 H. margaritifera | H retuse R V X ** 750 |
| var. granata R P 750 | |
| H. Maughanii R P (small cuts) \$4.00 | H. rigida E P 35c (dull green - rough) |
| (slow growing, large pearls) | H. rigida var. expansa E P 50c |
| H. metallica E P 350 | |
| H. mirabilis R V \$1.50 | |
| H. nigra E P 50c | |
| (blackish-green) | |
| H. obtusa R * 350 | H. Skinneri E P 35c (dark green) |
| var. suberecta R * 750 | H. subattenuata R P 35c |
| H. pilifera R * XX 350 | H. subfasciata R P 35c |
| H. pilifera var. columnaris R * 750 | (bright green) |
| H. planifolia R * X 350 | H. submaculata R P 50c (slow growing) |
| (large growing) H. planifolia | |
| var. setulifera R * X 350 | H. subrigida E P 35c (3-sided) |
| H. pygmaea R * V 756 (neat growth) | H. subulata R P 35c |

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Haworthia List

| H. | tenara | | | |
|-----|---------------------------|--------------|--------------------------------|------|
| | var. major X | X 35c | H. translucens (small growing) | 35c |
| | tessellata | ** 35c | H. turgida R * V | 35c |
| ** | var. Englerii R | V ** 35c | H. turgida | -17 |
| H. | tessellata var. inflexa R | V ** \$1.00 | var. suberecta | 35c |
| H. | tessellata | | | -4.0 |
| T-T | var. parva R tessellata | V ** 35c | H. umbraticola R * | 50c |
| | var. parva | | | |
| | subvar. recurva | ta R V **35c | H. variegata R | 75c |
| H. | Tisleyi R P | Q1.50 | | |
| 1_T | tortuosa I P | 35e | H. viscosa | 75c |
| | tortuosa | 396 | var. torquata (3-sided) | 196 |
| 77 | var. pseudorigida | 35c | | |
| ii. | var. tortella | 35c | | |

Varieties such as the following are slow to propagate; therefore, seldom available:

H. arachnoides; H. asperiuscula; H. asperula; H. Blackbeardiana; H. Bolusii; H. setata; H. Stayneri var. salina; H. truncata; H. viscosa.

APICRAS

Apicras are closely related to Haworthias; usually erect growing, branching from the base with five ranks of closely set leaves terminating in pungent tips. The flowers are small and tubular with only the tips of the tubes spreading.

the tips of the tubes spreading.

We can supply cuttings of the following identified varieties and one variety unidentified but closely related to Apicra Jacobson-

iana. Prices are for unrooted cuttings.

Apicra deltoidea - 50c.

Apicra pentagona - 35c.

Apicra pentagona variety Willdenow - 75c. (var. Willdenow is a smaller type of pentagona)

Apicra Skinneri - 50c. (this is not the hybrid Haw. Skinneri)

Apicra - unidentified - 75c. (very similar to A. Jacobsoniana but grey-green foliage)

| 350 | translater: (anali growing) | 350 | | rojen prev | H |
|------------|--|--------|-----|--|------|
| 35c 35c | V * E shirt V. V. Var. subersota | 350 | | A zjalleened atalleened itteling .tav atalleened | |
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| | A stagotar A | SEPR V | | per . Lavelya | |
| 752 | Var. tolgata Var. tolgata (1-clar) | 350 | | a destruction and the second s | ·H |
| | | 353 | | tor beer to list | all. |

Varieties such as the following are alow to propagate; therefore, selden available:

A. erockroides; N. sperioscula; N. esperulo; H. Macdess dispa; H. Molnetis N. setate; N. Ctarneri vor. salina; N. truncata; N. viscosa.

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the tips of the tubes appositing.

"We can subtly entities of the following identified varieties and one variety undusatified but alosely related to Apiera Jacobson-lena. Fries are for urrorted suttings.

Ariora delicides - 50c.

Apiera pentagona - 350.

Apiero pentagone veriety 'Hildeney - 75c.

Aptor Skitmeyt - 50c. (Hotel Skitmeyt)

Apiorr - unidentified - 750.